

# FORM 6 - WATER AUDIT WORKSHEET

Please place gallonage value in the Results in mgd column and perform calculations.

Line No.	DESCRIPTION
<b>1</b>	Uncorrected Total Water Pumped From Sources of Supply
<b>2a</b>	Adjustments to Total Water Supply Master Meter Error
<b>2b</b>	Faulty valve controlling devices
<b>3</b>	Corrected Total Water Supply <b>Add Lines 1, 2a and 2b)</b>
<b>4</b>	Uncorrected Customer Meter Records Total Amount Sold
<b>5a</b>	Adjustments to Metered Water Sales - meter error
<b>5b</b>	Billing Procedure error
<b>6</b>	Total Amount of Unmetered Water 'sold'
<b>7</b>	Corrected Total Quantity of Water Sold <b>Add Lines 4, 5a, 5b and 6</b>
<b>8</b>	Total amount of water not sold <b>Subtract Line 7 from Line 3</b>
<b>9</b>	Total Unmetered Authorized Public Uses of Water <b>See Page 5</b>
<b>10</b>	Total Unmetered Miscellaneous Losses <b>See Page 5</b>
<b>11</b>	Total Identified Water Losses <b>Add Lines 9 and 10</b>
<b>12</b>	Total Unidentified Water Losses- <b>Subtract Line 11 from Line 8</b>
<b>13</b>	Potential water system leakage in gpd per mile of watermain. <b>Divide Line 12 by 365 then divide by total system miles of watermain</b>
<b>14</b>	Percentage of unaccounted for water that may be attributed to leakage - <b>Divide Line 12 by Line 3</b>
<b>15</b>	Pumping and treating cost per gallon of water <b>Line 4 on Form 3</b>
<b>16</b>	Annual Expenditure Due to Unidentified Water Losses <b>Multiply Line 12 by 15</b>

FORM LINE		RESULTS
		(+ or -)
1	Line 1	
4	Line 2a	
Pg. 5	Line 2b	
<b>Unadjusted Total</b>	-	Line 3
2	Line 4	
5	Line 5a	
Pg. 6	Line 5b	
2	Line 6	
<b>Adjusted Total</b>	-	Line 7
<b>Unmetered</b>	-	Line 8
Pg. 5	Line 9	
Pg. 5	Line 10	
<b>Estimated</b>	-	Line 11
<b>UAW</b>	-	Line 12
<b>Leakage/mile</b>	-	Line 13
<b>UAW leakage %</b>	-	Line 14
<b>Cost/gallon</b>	3	Line 4 \$
<b>UAW Cost</b>		\$ _____